

Product datasheet for **MC210080**

Ankrd2 (NM_020033) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ankrd2 (NM_020033) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ankrd2
Synonyms: Arpp; mArpp
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210080 representing NM_020033
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGGGCCGAGGCGGTGCAGAGAGCCACAGAGCTCATCGAGCAGCGGCTTGCCAGGAGGAAGAGA
CTGAGAACTTCAAGATCCGCTCCTGGGAAGCTGTCCATGGACATGCTAGTGCTAGAGGAAGAGAAGCG
CCTCGGGTTTCAAGTCTGCTTTACAAAAGGTTAAGGGCCAAGAGCGCGTGCAGAACATCCCTGGAC
CTGCGACGTGAGATCATTGATGTGGGTGGGATCCAGAACCTCATTGAACTGAGGAAAAACGCAAGCAGA
AAAAGCGAGATGCCCTGGCTGCAGCCCAGGAGCCTCCTCCAGAGCCAGAGGAGATCACCGCCCTGTGAA
TGAGGAGACATTCTGAAAGCTGCAGTGGAGGGGAAAAATGAAAGTCATTGACAAGTACCTGGCGGACGGA
GGTTCAGCGGACACCTGTGATGAGTTCGGTCCGACAGCACTGCATCGGGCCTCCCTGGAGGGACACATGG
AGATACTGGAGAACTTCTGGAGAATGGGGCCACCGTGGACTTCCAGGATCGGCTGGACTGCACAGCCAT
GCACTGGCCTGCCGTGGGGCCACCTGGAGGTGGTGGAGCTCCTGCAAAGCCGGGGGCCGACACCAAC
GTGAGAGACAAGCTACTGAGCACTCCCTGCATGTGGCCGTCCGACTGGACACGTGGAGATTGTGGAAC
ATTTTCTTCCCTGGGCTTGGATATCAATGCCAAAGACAGAGAAGGGGACAGTGCCCTACATGATGCCGT
GAGACTCAACCGCTACAAAATCATCAAAGTCTGCTCTTGATGGGGCGGACATGATGGCTAAGAACCTG
GCGGGAAAGACCCACCGACCTGGTCCAGCTCTGGCAAGCAGACACCCGGCATGCCCTGGAGCATCCCG
AGCCAGAATCAGAGCAGAACGGACTGGAGAGCCCTGGGAGTGGCCGTGAGACACCTCAGCCTATACCAGC
CCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_020033



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Insert Size:	987 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_020033.1 , NP_064417.1
RefSeq Size:	1100 bp
RefSeq ORF:	987 bp
Locus ID:	56642
UniProt ID:	Q9WV06
Cytogenetics:	19 C3
Gene Summary:	Functions as a negative regulator of myocyte differentiation. May interact with both sarcoplasmic structural proteins and nuclear proteins to regulate gene expression during muscle development and in response to muscle stress.[UniProtKB/Swiss-Prot Function]